

### **ABSTRACT**

A system (3) for automatically initializing and diagnosing backplanes of electronic devices includes a monitor (1) and a driver (2) connected with the monitor. The monitor includes a command editor (10) for receiving diagnosis commands inputted by users, a command translator (11) connected with the command editor for compiling the diagnosis commands into binary commands, a processing unit (13) connected with the command translator for running diagnosis programs, and a display unit (14) connected with the command editor for displaying information. The driver includes an initialization module (20) for initializing the backplane, and a diagnosis module (21) connected with the processing unit and the display unit for providing diagnosis programs. A related method for automatically initializing and diagnosing a backplane of an electronic device is also provided.